

Regulatory

- Federal
 - EPA
- State (California)
- Authorities
- Department of Forestry & Fire Protection (CDF)
- Integrated Waste Management Board (IWMB)
- Office of Emergency Services (OES)
- Air Resources Board (ARB)
- Local
 - City of Fresno Fire Department
 - Air Pollution Control District
 - Fresno County Environmental Health

UNITED **Cooperating Agencies** Fresno City Fire Fresno Police Department **US Environmental Protection Agency** California Integrated Waste Management Board Fresno County Environmental Health California Office of Emergency Services California Department of Forestry & Fire Protection San Joaquin Valley Air Pollution Control District **US Coast Guard Regional Water Quality Control Board National Weather Service** California Department of Health California Office of Environmental Health Hazard Assessment California Air Resources Board Fresno County Sheriff California Occupational Safety and Health Administration City of Fresno Mayor's Office City of Fresno City Council **Fresno County Health Office** City of Fresno Department of Public Works Fresno County Department of Public Works

January 15, 2003 Unified Command AIR DISTRICT Mork Merchant Liaison-Ops Logistics Planning OES Marquis Environ. Ops Fire Ops



Incident Command

Effective 1-17-03

UNIFIED COMMAND

JOEL ARANAZ, FRESNO FD, FRN TIM CASAGRANDE, FRESNO COUNTY MICHELLE ROGOW, US EPA



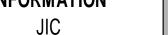
RAY BROWN, USCG

LIAISON

CLINT NICHOLS, FRN



JIC Federal, State, Local State on Scene Coordinator KURT LATIPOW, OES



OPERATIONSDOUG HICKS, CDF

PLANNING

JIM MARQUIS, OES
Deputy
BILL BONDSHU, OES

LOGISTICS

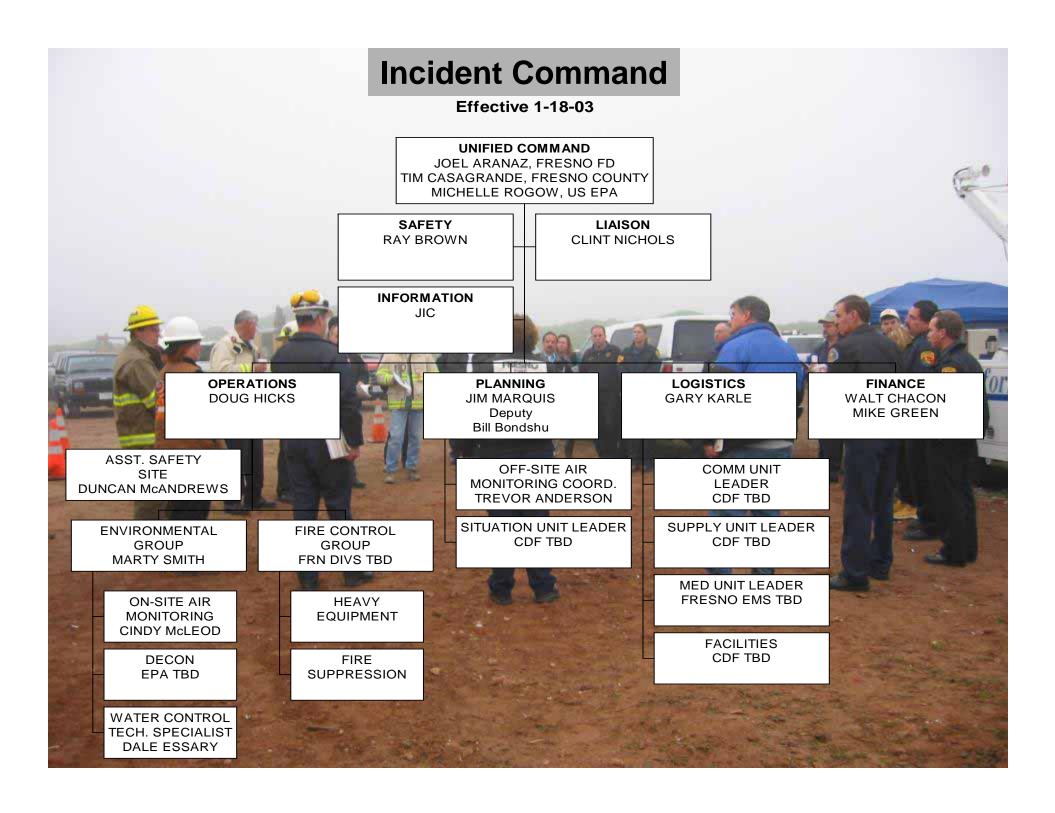
GARY KARLE, CDF

FINANCE

WALT CHACON, CDF

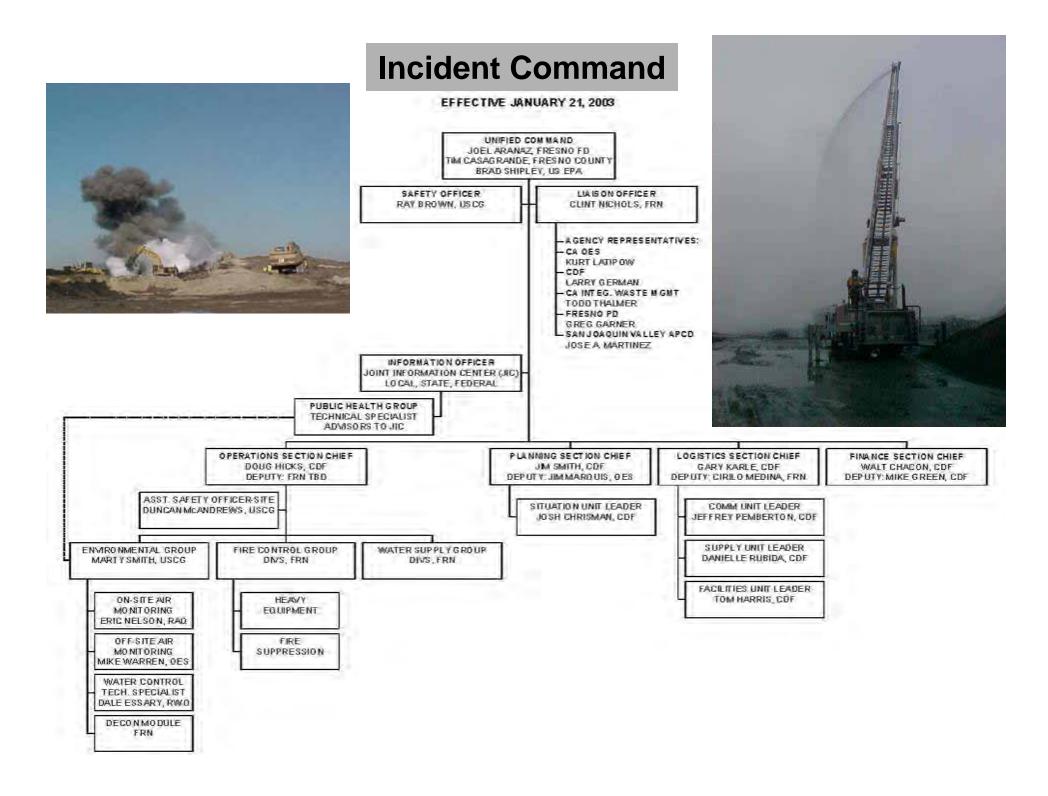
Health & Environmental Assessment/Impacts

- Conducted Air Sampling
 - VOCs
 - SVOCs
 - Metals
 - Particulates
- Air Monitoring
 - Carbon Monoxide
 - VOCs
- Weather and Air Quality data
- Waste water (Black Water Ops)
- Disposition of Wastes



Public Health Group

- Formed by UC
- Consisted of
 - EPA Toxicologist
 - State Toxicologist
 - State Health Specialist
 - State Health Response Coordinator
 - County Health Officer
 - EPA Community Involvement Coordinator
 - Air Pollution Control Officer
- Assess data and disseminate to public





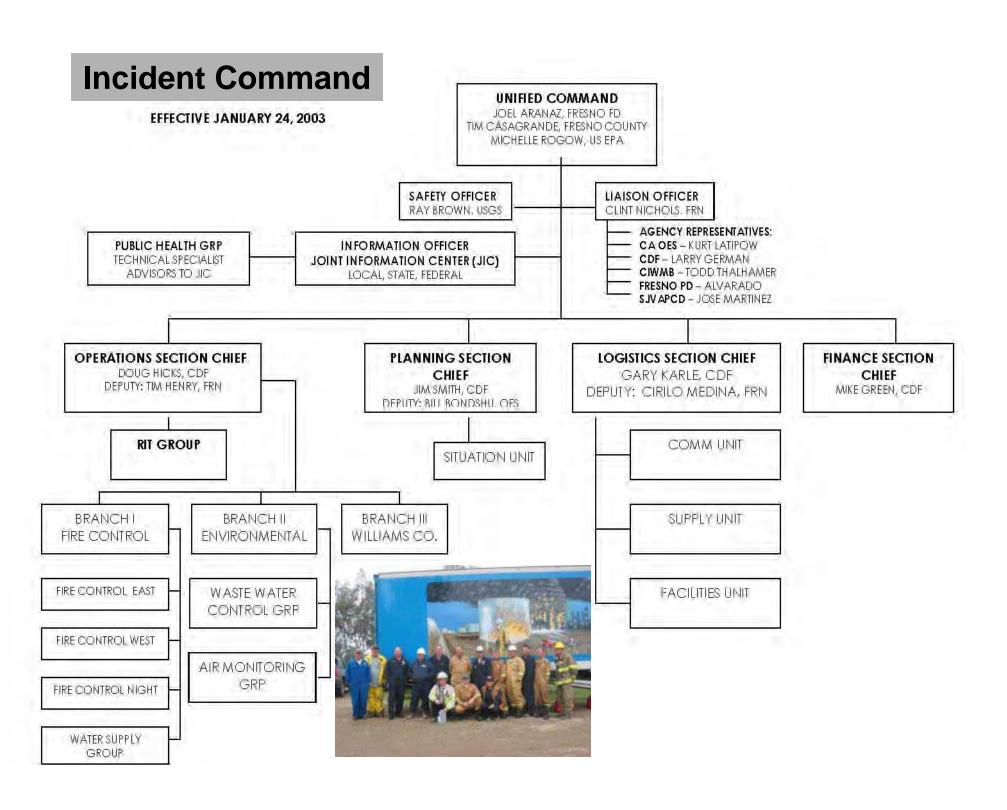










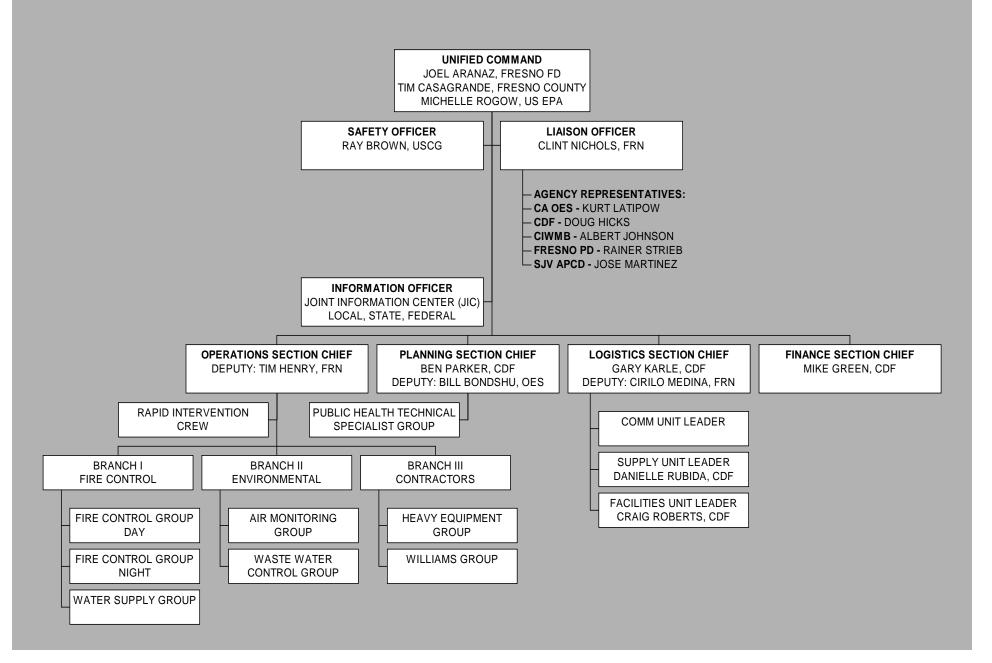






Incident Command

EFFECTIVE FEBRUARY 3, 2003







Phase I - Initial Response

- Fire discovered 1/11/03, burned from 1/11/03 2/10/03
- 26 days of fire fighting
- Equipment (up to):
- 3-345 excavators
- 1 365 excavator
- 2 D-9 dozers
- 1 D-8 dozer
- 2- rock trucks
- 2 vacuum trucks
- 1 front end loader
- Costs:
- USEPA \$1.27 million
- CIWMB \$680,000
- City of Fresno \$600,000

Personnel (up to):

20 Equipment operators/labor

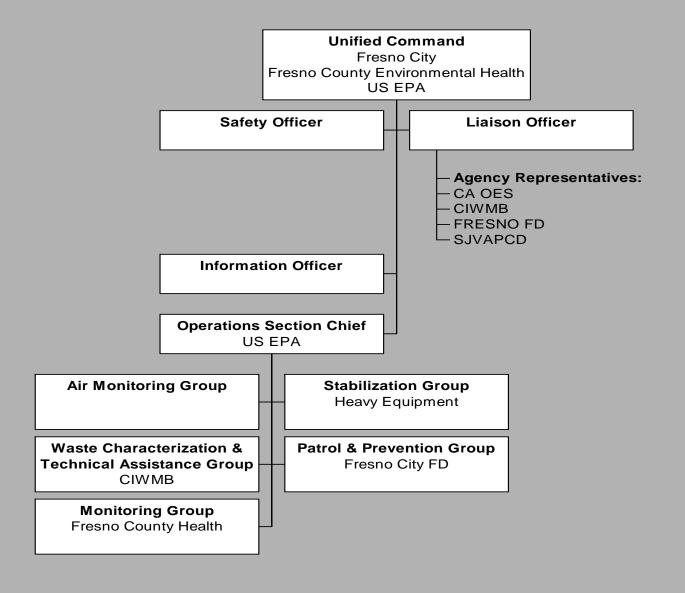
13 Williams Fire

20 Fresno FD

6 safety

3 air sampling/monitoring techs one hell of a JIC!

Phase II -Stabilization



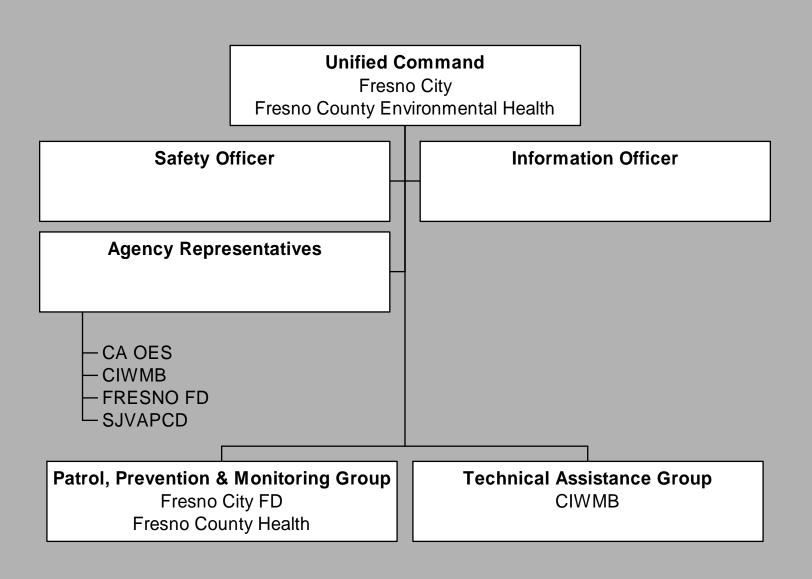


Phase II – Segregate, Stabilize, Survey and Sample

- 2/14/03 2/24/03
- 3 piles from one, drained all standing water
- Demobe: 2/25/03 2/26/03
- Equipment (up to):
- 2 345 excavators
- 1 D-9 dozer
- 1 D-6 dozer
- 1 front end loader
- 1 vacuum truck
- Costs:
- USEPA \$240,000

- Personnel (up to):
- 6 Equipment operators/labor
- 1 safety
- 1 air sampling/monitoring techs

Phase III- Post Stabilization & Final Disposition



Phase III - Load, Haul and Dispose

- Mobe: 7/28/03 7/29/03
- Haul and dump: 7/30/03 9/17/03
- 35 days of hauling
- 4111 trucks total
- 102,650 tons of debris disposed
- Demobe: 9/18/03-9/19/03
- · Costs:
- USEPA \$1.46 million
- CIWMB- \$2.07 million





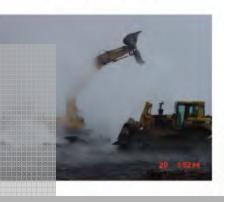
Safety

- Site safety plan developed by USCG
- Audited by California OSHA
- Reviewed and signed off by all personnel





Name: Marks-Nelson Incident













Politicians and Media





discover hazards at fire

But the 18 chemicals are not at strong enough levels to harm the health of Fresnans.

> By MARK GROSST THE PRESNO BEE

Authorities on Montay relemed a list of 18 potentially hazardous riventicals detected in air samples. more than a week ago at the southwest Presno junk fire.

But they reseated an appouncement they made last week that the chemicals were not desected at levols high enough to trigger human health prob-

IN THE WEST

lams. Only two chemicals-beau nene and chloromethage were mentioned

feoce lin noene of

ronmen

The

WEEK CO

the hots

Apid. "Th

tion tha

Buttar

resident

cles still

37 day

Flore Co

today's

air unbe

new turn

cautioni

The di

The 5

fire."

Val www. saffeyninguality DOM to Held The Ree's nominal report in the be Houncer cause t

Samples Blaze not a danger, **EPA** says

Chemicals in Fresno woodpile smoke not at harmful levels.

> By Jes 4 yzze

THE TA Chemical &

printle walling fee to southy Bat in the public

Air sampses

at Anchie Cri

near Marks att

amirtalia, hazar

that not enough

The man a

substitute it's a c

Rogow, an oulorthe U.S. Envi

tion Agency

slees's helicine in

the news. The

there is no div

Dry Masser D

mann to gut be

The worse

Sunday mad

City ediscials

street, plastics and agreepants. Pirefighters are working day and might to put out the fire, which they hope in enting out by 5 p.m.



An expector to be employing detailings the see, see Tember, then a factorized spreads till a point content by the Fluoric Fire Department of Arthur Copper Department in another process.

Fire: Smoke remains a health concern

\$54 THERESAL MARKET IN THE # THE OWNER.

A page motion to Capture the Accidentation to the Second and the Second and Page 10 of the Second and Page 11 of the Second and Page 12 of the Secon

one of the plan and the control of t

M/FI

Fire: Chemical levels ruled not harmful

minic Development, distributed the flain to hoper of casting guil-

he awareness of fire-related Assur 2,000 files amite Lan Engirds and Spanish were passed out Aposther 500 millioning were

At Thirty Clients of Got in Chiral, Egyley hateful a visua of fines, in head soliton thansa with tame. We want to make starped pic know about it in the commo

nity." Emiry rest Williams. "Firgures sems oxidibles also." trilliams, with his grandchildown with severe softma, nighted with understanding. Thank you for this lithermation. We noted it." limity Church is shout a mile

Partity Daniel Coper smiled others Williams gover him a stack



Two nearby residents have made numerous complaints to the city.

> He Mare Choose ass Panis Local

Audi a busine two trops of from band, adhinate have found poles out plans, miles carpet and other metally pure adding continuous

mod b

D 03-81

UN THE WINE SHEET the years delice, Arrive inter-To her a supplemental file of the supplemental

metr, it's one big ween."

Districtioning and the city of Assigned feeling again declared a focal emergency. The action of fader acres out such gains now to danger a state of consequency, who



e are. New enthebra autremo hiday we. Fresh Pre Departmen Cap. Vi. Brights enthes Prote as a trip for being restore the Archis (Repart Essavator trip is Protei all incomp. Paramote. No. new org. The most is most to otherwise particulate in the pr. U.S. Commonwell Research Sparicy symmetric Nath Neutrani Lays.

Fire: Hazardous air will hang around

Continued from Page 51.

secret and the second second

When you can until to caste the smale in the air, you know it's had," Frenin Unified september on 10 Maryoteja sast.

The small of smade forg in the name or Treastley over many pairs of Freshit People in

ight word is moving the sovere armed. and Even Dupo, supervising, presental gest with the lan foliagest Valley Air Pollation Consoil District. People might smell a for a while. and there a moves to another part of the city

"If you must be you gloud for common about executing outroe," Shipp said. "Dancité appravates en effects."

The we district spain advised people nor to light five in their fireplaces today. People siss were married that the air could remain the state of the art minimum data's down

mile of a former pain. The opposite promine in selficials said. Bueball and frust practice had beginn and provious the district havonly treatmenting sizes for all Olivo Gr.

The district's older counters oboys a smallwithcrease in particles, but they did not show. uniterality of the officials and they have morned people alaste smoot trazards from lives in the part, even though they have not had previou PMGS minumenturia.

Particles 2.5 operand make and amalian can mailly exade the body's defenses and focus to the large, friggiring amena attacks and lower professions as well as other long distan-

Children, the eitherly and people with ores. too have write west you walk, healthoffcalcage has people with healthy longs can by afficient as well

Colleg upone, the automorphic pollegion. particles can promitate and buildings expeunbraithful, elen floogir from a two purts - milly along operdos toda as the nation free-

At the one of the fire Todatay, firefiguresy seffy yearand is pull appet the 3- (i) 3 acre pale, which is part of Archie Crippin Decaystion at Nielsen and Marks averages. But crevin support housing issay town our machine the

fire in the pile, efficials said.

Acases said California Industrial Visite Management officials may have a better apposach today:

The inviner of the Crippins site has reprired two potioes of volumous from the air district, officials and. A possible fine used pange from \$7,000 to \$50,000.

The fire Repair of 3 Auto Saturbacky spontatesus combutton. The decomposing send. moisture and arguent combined in just the right way to speck the flux.

the thomes Toronday word more visible than on Monday, Aranaz said. He said the pile could be furthering paint, ment and tites, which make a fire durity with contamination



Lessons Learned

- Notifications
 - Local
 - State
 - Federal
- Unified Command
 - Training
 - Qualifications
 - Communication

Planning / exercise / workshops / drills





